

IN THE CLAIMS

This listing of claims replaces all prior listings:

1. (Currently Amended) A cathode material, comprising:
a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and ~~and~~
aluminum (Al),
wherein,
the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{Al}_{1-b-c} \text{O}_d$
(where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b + c < 1$,
 $1.8 < d \leq 2.5$).
2. - 3. (Cancelled)
4. (Currently Amended) A method of manufacturing a cathode material, the cathode material comprising a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and aluminum (Al), and the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{Al}_{1-b-c} \text{O}_d$ (where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b + c < 1$, $1.8 < d \leq 2.5$), the method comprising the step of:
mixing materials with ethanol as a dispersion medium to synthesize the complex oxide.
5. (Previously Presented) A battery, comprising:
a cathode;
an anode; and
an electrolyte,
wherein,
the cathode comprises a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and aluminum (Al), and
the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{Al}_{1-b-c} \text{O}_d$ (where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b + c < 1$, $1.8 < d \leq 2.5$).
6. - 8. (Cancelled).

9. (Previously Presented) A cathode material, comprising:
 a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and at least one kind selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al),
 wherein,
 the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{M}_{1-b-c} \text{O}_d$
 (where M is at least one kind of element selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al), and where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b+c < 1$, $1.8 < d \leq 2.5$).

10. (Previously Presented) A method of manufacturing a cathode material, the cathode material, comprising a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and at least one kind selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al), the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{M}_{1-b-c} \text{O}_d$ (where M is at least one kind of element selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al), and where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b+c < 1$, $1.8 < d \leq 2.5$), the method comprising the step of:
 mixing materials with ethanol as a dispersion medium to synthesize the complex oxide.

11. (Previously Presented) A method of manufacturing a battery comprising a cathode, an anode, and an electrolyte, the cathode having a cathode material comprising a complex oxide including lithium (Li), manganese (Mn), chromium (Cr) and at least one kind selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al), the complex oxide is represented by a chemical formula $\text{Li}_a \text{Mn}_b \text{Cr}_c \text{M}_{1-b-c} \text{O}_d$ (where M is at least one kind of element selected from the group consisting of titanium (Ti), magnesium (Mg) and aluminum (Al), and where the values of a, b, c, and d are within the ranges of $1.4 < a < 1.55$, $0.5 < b+c < 1$, $1.8 < d \leq 2.5$), the method comprising the step of:
 mixing materials with ethanol as a dispersion medium to synthesize the complex oxide.